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PTO/SB/08A (08-03)

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/587,402
		Filing Date	July 26, 2006
		First Named Inventor	YAMADA, TAKATSUGU
		Art Unit	3656
		Examiner Name	JOHNSON, PHILLIP
Sheet 1 of 4	Attorney Docket Number		XA-10623

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	U.S. Patent Document Kind Code 2 (if known)	Name of Patentee or Applicant of Cited Document	Publication Date MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	2,607,257	Hadden	08-19-1952	
	2	3,169,407	Newell	02-16-1965	
	3	3,279,218	Chochoolek et al.	10-18-1966	
	4	3,392,599	White	07-16-1968	
	5	3,444,753	Runkle	05-20-1969	
	6	3,604,285	Olsson	04-08-1970	
	7	3,879,093	Betrix	04-22-1975	
	8	3,962,931	Moneta	06-15-1976	
	9	4,012,925	Krude	03-22-1977	
	10	4,280,341	Krude	07-28-1981	
	11	4,357,137	Brown	11-02-1982	
	12	4,384,861	Lange et al.	05-24-1985	
	13	4,500,141	Daugherty	02-19-1985	
	14	4,509,386	Kimberlin	04-09-1985	
	15	4,705,491	Andersson	11-10-1987	
	16	4,886,295	Leventis et al.	09-12-1989	
	17	5,184,978	Fillmore et al.	02-09-1993	
	18	5,226,853	Courgeon	07-13-1993	
	19	5,235,734	DuRocher et al.	08-17-1993	
	20	5,460,574	Hobaugh	10-24-1995	
	21	5,542,343	Martin	08-06-1996	
	22	5,709,605	Riefe et al.	01-20-1998	
	23	5,899,811	Kishibuchi et al.	05-04-1999	
	24	6,035,740	Budaker et al.	03-14-2000	
	25	6,174,239	Guimbretiere	01-16-2001	
	26	6,241,616	Lightcap	06-05-2001	
	27	6,279,953	Cartwright	08-28-2001	
	28	6,293,872	Ganser	09-25-2001	
	29	6,364,778	Beitzel et al.	04-02-2002	
	30	6,530,599	Oka	03-11-2003	

Examiner Signature	/Phillip Johnson/	Date Considered	09/16/2009
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		Art Unit	3656
		Examiner Name	JOHNSON, PHILLIP A.
(use as many sheets as necessary)			
Sheet	2	of	4
		Attorney Docket Number	XA-10623

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		Number	Kind Code 2 (if known)			
	31	6,533,459		Silverbrook et al.	04-22-2003	
	32	6,557,433		Castellon	05-06-2003	
	33	6,620,050		Park	09-16-2003	
	34	6,729,648		Ulitz	05-04-2004	
	35	6,733,039		Honda, et al.	05-11-2004	
	36	6,755,746		Barnley, et al.	06-29-2004	
	37	6,893,353		Dutkiewicz et al.	05-17-2005	
	38	6,902,487		Welschof	06-07-2005	
	39	6,921,338		Cernak et al.	07-26-2005	
	40	6,948,401		Zernickel et al.	09-27-2005	
	41	7,147,375		Zernickel et al.	12-12-2006	
	42	7,226,360		Lyon et al.	06-05-2007	
	43	7,322,607		Yamada et al.	01-29-2008	
	44	7,338,078		Yamada	03-04-2008	
	45	7,338,382		Yamada	03-04-2008	
	46	7,404,768		Yamada	07-29-2008	
	47	7,416,199		Yamada	08-26-2008	
	48	7,416,216		Shoda et al.	08-26-2008	
	49	7,429,060		Yamada et al.	09-30-2008	
	50	7,481,130		Yamada et al.	01-27-2009	
	51	20010006564		Geyer et al.	07-05-2001	
	52	20020177485		Cernak et al.	11-28-2002	
	53	20030073503		Perrow, Scott Jay	04-17-2003	
	54	20040245759		Yamada et al.	12-09-2004	
	55	20050022623		Reiche et al.	02-03-2005	
	56	20050070365		Riefe et al.	03-31-2005	
	57	20050104354		Yamada et al.	05-19-2005	
	58	20050257639		Yamada	11-24-2005	
	59	20060012161		Yamada	01-19-2006	
	60	20060039747		Shoda et al.	02-23-2006	
	61	20060053934		Bahr et al.	03-16-2006	

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		Art Unit	3656
		Examiner Name	JOHNSON, PHILLIP A.
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		Number	Kind Code 2 (if known)			
	62	20060060022		Yamada	03-23-2006	
	63	20060068924		Yamada	03-30-2006	
	64	20060082120		Taniguchi et al.	04-23-2006	
	65	20060156855		Yukawa et al.	07-20-2006	
	66	20060162989		Yamada	07-27-2006	
	67	20060181069		Yamada	08-17-2006	
	68	20060252559		Yamada	11-09-2006	
	69	20070273137		Yamada et al.	11-29-2007	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Publication Date MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁹
		Office 3	Number 4 (if known)				
	70	AU	234387		12-03-1959		
	71	CN	98107918		07-21-1999		
	72	DE	19538303		04-17-1997		Abstract
	73	DE	19820291		11-11-1999		Abstract
	74	DE	19855538		06-08-2000		Abstract
	75	DE	19905350		08-24-2000		Abstract
	76	DE	19917550		10-28-1999		Abstract
	77	DE	20212294		10-30-2003		Abstract
	78	EP	281723		09-14-1988		
	79	EP	425238		05-02-1991		
	80	EP	1070865		01-24-2001		Abstract
	81	EP	1078843		02-28-2001		
	82	EP	1106851		06-13-2001		Abstract
	83	EP	1247719		10-09-2002		
	84	EP	1512607		03-09-2005		
	85	EP	1547903		06-29-2005		
	86	EP	1557338		07-27-2005		

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	87	EP	1568569			08-31-2005		
	88	EP	1588921			10-26-2005		
	89	FR	2674646			03-28-1991		Abstract
	90	FR	2795787			01-05-2007		Abstract
	91	GB	2344084			05-31-2000		
	92	GB	2362688			11-28-2001		
	93	JP	11-311256			04-24-1998		Abstract
	94	JP	2000-159042			06-13-2000		Abstract
	95	JP	2000-205288			07-25-2000		Abstract
	96	JP	2000-337395			12-05-2000		Abstract
	97	JP	2001-193738			07-17-2001		Abstract
	98	JP	2002-046633			02-12-2002		Abstract
	99	JP	29-016708			06-09-1992		
	100	JP	45-019207			08-05-1970		
	101	JP	62-244758			10-26-1987		Abstract
	102	JP	UM-1-145670			10-06-1989		
	103	JP	UM-4-043522			04-14-1992		
	104	SU	398786			09-27-1973		Abstract
	105	WO	1986/07120			12-04-1986		
	106	WO	2004/33270			10-08-2003		Abstract

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